

Serial Number 09/128,721

IN THE CLAIMS

Please cancel Claim 32 without prejudice or disclaimer in the subject matter thereof.

Please amend the following claims. A marked-up version of the claims made follows this amendment captioned "Version With Markings to Show Claim Changes Made."

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Claim 1. (Three Times Amended) A composite chemical barrier fabric having improved durability comprising:

- a multiple layer, chemical barrier material having a first side and a second side; and
- a durability barrier layer coated on at least one of said first or second side comprising a thermoplastic polyolefin, the coated chemical barrier composite achieving at least 25% improvement in puncture resistance and at least 25% improvement in flex-crack resistance of the fabric when compared to a fabric not having said durability barrier layer.

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Claim 7. (Amended) The composite chemical barrier fabric of Claim 1,

C2 wherein the fabric is configured into items of protective clothing selected from the group consisting of suits, zippers, gloves, hoods, and shoe covers.

Please add the following claims:

Claim 35. The composite chemical barrier fabric of Claim 30, wherein the fabric achieves at least about a 25% improvement in puncture resistance compared to a fabric without the durability layer.

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Claim 36. The composite chemical barrier fabric of Claim 30, wherein the fabric achieves at least about a 25% improvement in flex crack resistance compared to a fabric without the durability layer.

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Claim 37. A composite chemical barrier fabric having improved durability comprising:

a multiple layer, chemical barrier material having a first side and a second side; and

a durability barrier layer coated on at least one of said first or second side comprising a thermoplastic polyolefin resin, the resin having an ASTM D793 density at 23°C g/cm³ of about 0.88.

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C3
Claim 38. The composite chemical barrier fabric of claim 37, wherein the multiple layer chemical barrier material contains at least one stratum that comprises a material selected from the group consisting of polyvinylidene chloride, ethylene vinyl acetate, ethylene vinyl alcohol, nylon, polyvinyl alcohol, polyester, polytetrafluoroethylene, fluorinated ethylene propylene, polyvinylidene chloride copolymer, acrylic, acrylonitrile copolymer, ionomers, ethylene/methacrylate acid copolymer, polybutylene, metalized polyester, polypropylene, orientated polypropylene, and polyamide.

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Claim 39. The composite chemical barrier fabric of Claim 37, wherein the fabric achieves at least about a 25% improvement in puncture resistance compared to a fabric without the durability layer.

Claim 40. The composite chemical barrier fabric of Claim 30, wherein the fabric achieves at least about a 25% improvement in flex crack resistance compared to a fabric without the durability layer.

Claim 41. The composite chemical barrier of claim 37, wherein thermoplastic polyolefin resin comprising polypropylene.